

Attorney Docket No. 101792-300  
U.S. Serial No. 09/120,664  
Page 3 of 11

RECEIVED  
CENTRAL FAX CENTER

OCT 09 2007

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Complete Listing of Claims:**

1. (Currently amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of a metal or metal-containing compound wherein the metal is a moiety selected from the group consisting of zinc, copper, bismuth, silver, zirconium, and combinations thereof, and said shell consisting essentially of a metal pyrrithione formed by ~~reaction~~ a transchelation reaction of pyrrithione acid or a water-soluble salt of pyrrithione selected from the group consisting of sodium pyrrithione and potassium pyrrithione with a portion of the metal or metal-containing compound of said core.

2.-37. (Canceled)

38. (Currently amended) A biocidal composition comprising composite particles containing a shell and a core, said core consisting essentially of a metal or a metal-containing compound selected from the group consisting of zinc, copper, bismuth, silver, iron, titanium, aluminum, zirconium and combinations thereof and said ~~shell~~ shell consisting essentially of a metal pyrrithione formed by ~~reaction~~ a transchelation reaction of pyrrithione acid or a water-soluble salt of pyrrithione selected from the group consisting of sodium pyrrithione and potassium pyrrithione with a portion of the metal or metal-containing compound of said core.

39. (Canceled)

40. (Currently Amended) The composition of claim 1 wherein said shell consists of zinc pyrrithione, and said core consists of zinc or a zinc-containing compound selected from zinc oxide and zinc selenide, said zinc pyrrithione being formed by ~~reaction~~ a transchelation reaction of pyrrithione acid or a water-soluble salt of pyrrithione selected from the group consisting of

Attorney Docket No. 101792-300

U.S. Serial No. 09/120,664

Page 4 of 11

sodium pyrithione and potassium pyrithione with a portion of the zinc oxide or zinc selenide from said core.

41. (Currently Amended) The composition of claim 38 wherein said shell consists of zinc pyrithione, and said core consists of zinc or a zinc-containing compound selected from zinc oxide and zinc selenide, said zinc pyrithione being formed by ~~reaction~~ a transchelation reaction of pyrithione acid or a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the zinc oxide or zinc selenide from said core.

42. (Currently amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of a metal or metal-containing compound wherein the metal is a moiety selected from the group consisting of zinc, copper, bismuth, silver, zirconium, and combinations thereof, and said shell consisting essentially of a metal pyrithione formed by ~~reaction~~ a transchelation reaction of pyrithione acid or a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the metal or metal-containing compound of said core, with the proviso that when the metal or metal-containing compound comprises is copper and the metal pyrithione is copper pyrithione then the metal pyrithione and the metal-containing compound are present within a weight range of ratios of from 1:20 to 20:1 of metal pyrithione relative to the metal or metal-containing compound.

43. (Canceled)

44. (Canceled)

45. (Canceled)

46. (Currently Amended) The composition of claim 42 wherein said shell consists of zinc pyrithione, and said core consists of zinc or a zinc-containing compound selected from zinc

Attorney Docket No. 101792-300  
U.S. Serial No. 09/120,664  
Page 5 of 11

oxide and zinc selenide, said zinc pyrithione being formed by reaction a transchelation reaction of ~~pyrithione-acid~~ or a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the zinc oxide or zinc selenide from said core.

Claims 47. - 49 (Canceled)